

ABSTRACT OF THE DISCLOSURE

The present invention includes an external data acquisition step (S1), an external data input step (A), a
5 cell division step (B), a cell classification step (C), a
space classification step (D), a simulation step (S3), and
an output step (S4). The cell classification step (C)
includes a step of further classifying each of the
boundary cells (13a) into a first type cell and a second
10 type cell. The first type cell has a cutting point at
which an edge line or vertex is cut by the boundary data.
The second type cell has a cutting point that lies on a
boundary with another cell of different hierarchy, and is
larger than the another cell. The cell classification
15 step (C) further includes a step of assigning a material
number to each cell vertex.